

João H Costa-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,045
citations

430442

18
h-index

433756

31
g-index

60
all docs

60
docs citations

60
times ranked

1419
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiometabolic impacts of saturated fatty acids: are they all comparable?. International Journal of Food Sciences and Nutrition, 2022, 73, 1-14.	1.3	12
2	Maternal consumption of ω -3 attenuates metabolic disruption elicited by saturated fatty acids-enriched diet in offspring rats. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 279-289.	1.1	2
3	Different acquisition systems for heart rate variability analysis may lead to diverse outcomes. Brazilian Journal of Medical and Biological Research, 2022, 55, e11720.	0.7	2
4	Cardiometabolic Effects of Postnatal High-Fat Diet Consumption in Offspring Exposed to Maternal Protein Restriction In Utero. Frontiers in Physiology, 2022, 13, .	1.3	3
5	Cardiac autonomic dysfunction in school age children with overweight and obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 2410-2417.	1.1	2
6	Effects of maternal low-protein diet and spontaneous physical activity on the transcription of neurotrophic factors in the placenta and the brains of mothers and offspring rats. Journal of Developmental Origins of Health and Disease, 2021, 12, 505-512.	0.7	2
7	Post-exercise hypotension effects in response to plyometric training of 7- to 9-year-old boys with overweight/obesity: a randomized controlled study. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1281-1289.	0.4	6
8	Maternal physical activity-induced adaptive transcriptional response in brain and placenta of mothers and rat offspring. Journal of Developmental Origins of Health and Disease, 2020, 11, 108-117.	0.7	7
9	Consumption of a high-fat diet does not potentiate the deleterious effects on lipid and protein levels and body development in rats subjected to maternal protein restriction. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 412-421.	0.9	2
10	Short- and long-term effects of maternal dyslipidaemia on blood pressure and baroreflex sensitivity in male rat offspring. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 27-37.	0.9	5
11	Effects of maternal protein restriction on central and peripheral renin-angiotensin systems in male rat offspring. Life Sciences, 2020, 263, 118574.	2.0	3
12	Association of worsening of nonalcoholic fatty liver disease with cardiometabolic function and intestinal bacterial overgrowth: A cross-sectional study. PLoS ONE, 2020, 15, e0237360.	1.1	6
13	Maternal low protein diet induces persistent expression changes in metabolic genes in male rats. World Journal of Diabetes, 2020, 11, 182-192.	1.3	4
14	Title is missing!. , 2020, 15, e0237360.		0
15	Title is missing!. , 2020, 15, e0237360.		0
16	Title is missing!. , 2020, 15, e0237360.		0
17	Title is missing!. , 2020, 15, e0237360.		0
18	Centrally acting adrenomedullin in the long-term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. Experimental Physiology, 2019, 104, 1371-1383.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Maternal physical activity prevents the overexpression of hypoxia-inducible factor 1 α and cardiorespiratory dysfunction in protein malnourished rats. <i>Scientific Reports</i> , 2019, 9, 14406.	1.6	3
20	Impact of arterial hypertension and type 2 diabetes on cardiac autonomic modulation in obese individuals with recommendation for bariatric surgery. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 1503-1511.	1.1	7
21	Saturated Fatty Acid-Enriched Diet-Impaired Mitochondrial Bioenergetics in Liver From Undernourished Rats During Critical Periods of Development. <i>Cells</i> , 2019, 8, 335.	1.8	8
22	Maternal protein restriction affects cardiovascular, but not respiratory response to L-glutamate microinjection into the NTS of conscious rats. <i>Nutritional Neuroscience</i> , 2019, 24, 1-12.	1.5	4
23	Maternal protein malnutrition induced hypertension: New evidence about the autonomic and respiratory dysfunctions and epigenetic mechanisms. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 422-429.	0.9	17
24	Carotid body removal normalizes arterial blood pressure and respiratory frequency in offspring of protein-restricted mothers. <i>Hypertension Research</i> , 2018, 41, 1000-1012.	1.5	5
25	Low-protein diet does not alter reproductive, biochemical, and hematological parameters in pregnant Wistar rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e6602.	0.7	7
26	Western diet in the perinatal period promotes dysautonomia in the offspring of adult rats. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 216-225.	0.7	8
27	Transcriptional response of skeletal muscle to a low protein perinatal diet in rat offspring at different ages: The role of key enzymes of glucose-fatty acid oxidation. <i>Journal of Nutritional Biochemistry</i> , 2017, 41, 117-123.	1.9	11
28	Effect of maternal dyslipidaemia on the cardiorespiratory physiology and biochemical parameters in male rat offspring. <i>British Journal of Nutrition</i> , 2017, 118, 930-941.	1.2	16
29	The Effect of <i>Schinus terebinthifolius</i> Raddi (Anacardiaceae) Bark Extract on Histamine-Induced Paw Edema and Ileum Smooth Muscle Contraction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	0.5	10
30	New Insights on the Use of Dietary Polyphenols or Probiotics for the Management of Arterial Hypertension. <i>Frontiers in Physiology</i> , 2016, 7, 448.	1.3	41
31	Developmental Origins of Cardiometabolic Diseases: Role of the Maternal Diet. <i>Frontiers in Physiology</i> , 2016, 7, 504.	1.3	24
32	Hypertension in rat offspring subjected to perinatal protein malnutrition is not related to the baroreflex dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1046-1053.	0.9	13
33	Repeated-doses and reproductive toxicity studies of the monoterpene 1,8-cineole (eucalyptol) in Wistar rats. <i>Food and Chemical Toxicology</i> , 2016, 97, 297-306.	1.8	36
34	Maternal protein restriction induced hypertension is associated to oxidative disruption at transcriptional and functional levels in the medulla oblongata. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1177-1184.	0.9	35
35	Serotonin modulation in neonatal age does not impair cardiovascular physiology in adult female rats: Hemodynamics and oxidative stress analysis. <i>Life Sciences</i> , 2016, 145, 42-50.	2.0	9
36	New Insights on the Maternal Diet Induced-Hypertension: Potential Role of the Phenotypic Plasticity and Sympathetic-Respiratory Overactivity. <i>Frontiers in Physiology</i> , 2015, 6, 345.	1.3	12

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37	Maternal Protein Restriction Increases Respiratory and Sympathetic Activities and Sensitizes Peripheral Chemoreflex in Male Rat Offspring. <i>Journal of Nutrition</i> , 2015, 145, 907-914.	1.3	34
38	Maternal low-protein diet induces changes in the cardiovascular autonomic modulation in male rat offspring. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 123-130.	1.1	46
39	Gastroprotective Mechanisms of the Monoterpene 1,8-Cineole (Eucalyptol). <i>PLoS ONE</i> , 2015, 10, e0134558.	1.1	62
40	Hepatoprotective Effect of the Aqueous Extract of <i>Simarouba amara</i> Aublet (Simaroubaceae) Stem Bark against Carbon Tetrachloride (CCl ₄)-Induced Hepatic Damage in Rats. <i>Molecules</i> , 2014, 19, 17735-17746.	1.7	8
41	Short- and long-term effects of a maternal low-protein diet on ventilation, O ₂ /CO ₂ chemoreception and arterial blood pressure in male rat offspring. <i>British Journal of Nutrition</i> , 2014, 111, 606-615.	1.2	55
42	Short-term sustained hypoxia induces changes in the coupling of sympathetic and respiratory activities in rats. <i>Journal of Physiology</i> , 2014, 592, 2013-2033.	1.3	51
43	Effects of the oral treatment with <i>Copaifera multijuga</i> oil on reproductive performance of male Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2014, 24, 355-362.	0.6	10
44	Gastroprotective and Ulcer Healing Effects of Essential Oil of <i>Hyptis martiusii</i> Benth. (Lamiaceae). <i>PLoS ONE</i> , 2014, 9, e84400.	1.1	22
45	Evaluation of antihyperglycaemic activity of <i>Calotropis procera</i> leaves extract on streptozotocin-induced diabetes in Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 913-919.	0.6	24
46	Repeated-Doses Toxicity Study of the Essential Oil of <i>Hyptis martiusii</i> Benth. (Lamiaceae) in Swiss Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	0.5	11
47	High Fat Diet During Pregnancy And Lactation Induces Hypertension In Adult Offspring Rats. <i>FASEB Journal</i> , 2013, 27, 1187.6.	0.2	0
48	Increased respiratory rhythm and O ₂ and CO ₂ chemosensitivity in juvenile rats submitted to perinatal protein undernutrition. <i>FASEB Journal</i> , 2013, 27, 1137.17.	0.2	0
49	Chronic intermittent hypoxia alters glutamatergic control of sympathetic and respiratory activities in the commissural NTS of rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R785-R793.	0.9	42
50	Comparative Computational Studies of 3,4-Dihydro-2,6-diaryl-4-oxo-pyrimidine-5-carbonitrile Derivatives as Potential Antinociceptive Agents. <i>Molecules</i> , 2012, 17, 809-819.	1.7	14
51	Anti-diabetic activity of extract from <i>Persea americana</i> Mill. leaf via the activation of protein kinase B (PKB/Akt) in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2012, 141, 517-525.	2.0	58
52	Acute and subacute toxicity of <i>Cassia occidentalis</i> L. stem and leaf in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2011, 136, 341-346.	2.0	73
53	Glutamate receptors in ventral medulla are essential for expiratory and inspiratory responses to chemoreflex activation in unanesthetized rats. <i>FASEB Journal</i> , 2011, 25, 1076.10.	0.2	1
54	Glutamatergic Antagonism in the NTS Decreases Post-Inspiratory Drive and Changes Phrenic and Sympathetic Coupling During Chemoreflex Activation. <i>Journal of Neurophysiology</i> , 2010, 103, 2095-2106.	0.9	51

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55	Chronic undernutrition alters renal active Na ⁺ transport in young rats: potential hidden basis for pathophysiological alterations in adulthood?. <i>European Journal of Nutrition</i> , 2009, 48, 437-445.	1.8	22
56	Reproductive assessment of hydroalcohol extract of <i>Calendula officinalis</i> L. in Wistar rats. <i>Phytotherapy Research</i> , 2009, 23, 1392-1398.	2.8	11
57	Glutamatergic mechanisms on the interaction of sympathetic and respiratory responses to chemoreflex activation in the NTS. <i>FASEB Journal</i> , 2009, 23, 1011.9.	0.2	0
58	Acute and subacute toxicity of the <i>Carapa guianensis</i> Aublet (Meliaceae) seed oil. <i>Journal of Ethnopharmacology</i> , 2008, 116, 495-500.	2.0	89
59	A toxicological evaluation of the effect of <i>Carapa guianensis</i> Aublet on pregnancy in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2007, 112, 122-126.	2.0	34
60	Composition of a maternal high fat diet rich in saturated fats and omega 3 in gestation and lactation for studies with rodents. <i>Revista De Nutricao</i> , 0, 32, .	0.4	0